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CLASSIFICATION

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CD NO.

COUNTRY Germany (Russian Zone)

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DATE DISTR. 18 MAY 1949

SUBJECT Chemical Research Projects
at the University of Leipzig

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DATE OF INFO [REDACTED]

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SUPPLEMENT TO
REPORT NO.

Russian permission has been obtained for research work in the following fields by the chemical department of the University of Leipzig:

- a. The electrolytic reduction of the nitric acid and nitrate ions. Attempts will be made to clarify the role of hyponitric acid in the electrolytic reduction of nitric acid.
- b. Electrolytic production of chromic chromates. This work is still in the preparatory stages.
- c. The reduction of Brilliantgeranin. Several combination reactions in alkaline and acid solutions are being carried out and the compounds identified and studied.
- d. The reaction of para-bromophenylacetic acid is being attempted by vacuum distillation and fractional crystallization.
- e. The alcohols and the hydrocarbons of fusel oil distillates. The hydrocarbons form complex mixtures and are primarily bicyclic, saturated, and very stable. The alcohols are branched and unbranched mixtures.
- f. Separation and study of cod-liver oil acids. Attempts are being made to examine the structure of the weak unstable acids of cod-liver oil by means of oxidative decomposition using ozone.
- g. The oxidation of hydrogen peroxide using pervanadine acid as catalyzer. The effect of the oxidizing agent on alpha-phellandren and inden is being examined. The principal products are glycols.

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NO CHANGE in Class. ☐☐ DECLASSIFIED

Class. CHANGED TO: TS

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Next Review Date: 2008

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